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TITLE: POLARIZING FILM, POLARIZING PLATE AND

LIQUID CRYSTAL

DISPLAY DEVICE USING THEM

**PUBN-DATE**:

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**ABSTRACT**:

PROBLEM TO BE SOLVED: To provide a polarizing film and a polarizing plate

with little variation of chromaticity even when an angle of incidence is varied

and a liquid crystal display device using them.

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SOLUTION: The polarizing film is an iodine type polarizing film with <20

μm thickness and ≤0.06 birefringence (Δn) at 900 nm wavelength

obtained by stretching a polyvinyl alcohol type film. When two sheets of the

polarizing films are superimposed in crossed Nicols, the polarizing films

exhibit <0.09 chromaticity variation &Delta;xy in the case chromaticity of

transmitted light of incident light from the normal direction and chromaticity

of transmitted light of incident light from a direction forming an angle of

40° to 45° direction with respect to the direction of the axis of

polarization are represented by x0, y0 and x40, y40 respectively.

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